

# Module-1

**Question 1: Please break down the URLs listed below. (list-out Protocol, Domain, TLD)**

**Answer:** <https://www.flipkart.com/>

Protocol: https

Domain: www.flipkart

TLD: .com

<https://www.irctc.co.in/>

Protocol: https

Domain: www.irctc

TLD: .co.in

<https://www.allegro.pl/>

Protocol: https

Domain: www.allegro

TLD: .pl

<https://www.johnlewispartnership.co.uk/>

Protocol: https

Domain: www.john lewis partnership

TLD: .co.uk

<https://www.uidai.gov.in>

Protocol: https

Domain: www.uidai

TLD: .gov.in

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## **Question 2: What is HTTPS/SSL Update?**

**Answer: HTTPS** :HyperText Transfer Protocol Secure is a protocol for secure communication over a computer network, widely used on the internet.

**SSL** :Secure Sockets Layer, now largely replaced by TLS (Transport Layer Security), is the technology that enables this secure connection.

**HTTPS** and **SSL** updates :

There are some updates of HTTPS and SSL are given below

**HTTPS server updates:**You can update your HTTPS server to use a TLS connection protocol, such as TLS, TLSv1, TLSv1.1, or TLSv1.2.

**SSL is deprecated:** SSL(Secure Sockets Layer) has not been updated and is considered insecure for modern use. Most modern browsers no longer support SSL.

**TLS is the current standard:** TLS(Transport Layer Security) is the modern version of SSL,and is the encryption protocol used by HTTPS.

**SSL certificates:** When creating an HTTPS server, you must add SHA-2 certificates, which will make TLS 1.2 the default protocol.

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**Question 3: List out 10 famous browsers used worldwide.**

**Answer:**

1. Google Chrome
  2. Apple Safari
  3. Mozilla Firefox
  4. Microsoft Edge
  5. Opera
  6. Brave
  7. Internet Explorer
  8. Vivaldi
  9. Tor Browser
  10. DuckDuckGo Browser
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